

G12 1638

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
**(Under 37 CFR 1.97(b) or 1.97(c))**

Docket No.

13334

In Re Application Of:

Mohan Singh et al.

Serial No.

09/463,480

Filing Date

January 24, 2000

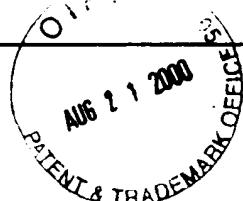
Examiner

Unassigned

Group Art Unit

Unassigned

Title:

**NOVEL NUCLEIC ACID MOLECULES AND USES THEREFOR**

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**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
2. a Notice of Allowance under 37 CFR 1.311,

whichever occurs first.

Also submitted herewith is:

a certification as specified in 37 CFR 1.97(e);

**OR**

the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

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Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

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Dated: August 16, 2000

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** Mohan Singh, et al.

**Examiner:** Unassigned

**Serial No.:** 09/463,480

**Art Unit:** Unassigned

**Filed:** January 24, 2000

**Docket:** 13334

**For:** NOVEL NUCLEIC ACID MOLECULES  
AND USES THEREFOR

**Dated:** August 16, 2000

Assistant Commissioner for Patents  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. Blomstedt, C.K., et al. (1996) "Generative Cells of *Lilium longiflorum* Possess Translatable mRNA and Functional Protein Synthesis Machinery", Plant Molecular Biology 31:1083-1086;

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on August 16, 2000.

Dated: August 16, 2000

Mishelle Spina

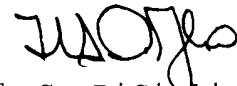
2. Bonner, W.M., et al. (1974) "A Film Detection Method for Tritium-Labelled Proteins and Nucleic Acids in Polyacrylamide Gels", Eur. J. Biochem 46:83-88;
3. Bouget, F., et al. (1995) "A New, Nonradioactive Whole-Mount *In SITU* Hybridization Protocol for *FUCUS* (Phaeophyta) Embryos", J. Phycol 31:1027-1030;
4. Bouget, F., et al. (1996) "Localization of Actin mRNA during the Establishment of Cell Polarity and Early Cell Divisions in *Fucus* Embryos", The Plant Cell 8:189-201;
5. Chen, X., et al. (1997) "Direct Amplification of Unknown Genes and Fragments by Uneven Polymerase Chain Reaction", Gene 185:195-199;
6. Chomczynski, P., et al. (1987) "Single-Step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction", Analytical Biochemistry 162:156-159;
7. Honma, M.A., et al. (1993) "High-frequency Germinal Transposition of Ds<sup>AlS</sup> in *Arabidopsis*", Proc. Natl. Acad. Sci. USA 90:6242-6246;
8. Huh, H.G., et al. (1997) "Structural Characteristics of Two Wheat Histone H2A Genes Encoding Distinct Types of Variants and Functional Differences in their Promoter Activity", Plant Molecular Biology 33:791-802;
9. Marmur, J., et al. (1962) "The Determination of the Base Composition of Deoxyribonucleic Acid from its Thermal Denaturation Temperature", J. Mol. Biol. 5:109-118;
10. McCormick, S. (1993) "Male Gametophyte Development", The Plant Cell 5:1265-1275;
11. Osley, M.A. (1991) "The Regulation of Histone Synthesis in the Cell Cycle", Ann. Rev. Biochem. 60:827-861;
12. Roberts, M. (1996) "Transposon-mediated Insertional Mutagenesis", Plant Gene Isolation 302-328;

13. Rommens, C.M.T., et al. (1992) "Transactivation of Ds by Ac-transposase Gene Fusions in Tobacco", Mol Gen Genet 231:433-441;
14. Sanger, F. et al., (1977) "DNA Sequencing with Chain-terminating Inhibitors", Proc. Natl. Acad. Sci. USA 74(12):5463-5467;
15. Tanaka, I. (1988) "Isolation of Generative Cells and Their Protoplasts from Pollen of *Lilium longiflorum*", Protoplasma 142:68-73;
16. Torres, M.A., et al. (1995) "Specific Distribution of mRNAs in Maize Growing Pollen Tubes Observed by Whole-Mount in Situ Hybridization with Non-Radioactive Probes", The Plant Journal 8(2):317-321;
17. Twell, D., (1994) "The Diversity and Regulation of Gene Expression in the Pathway of Male Gametophyte Development", Molecular and Cellular Aspects of Plant Reproduction 55:83-135;
18. Ueda, K., et al. (1995) "Male Gametic Nucleus-Specific H2B and H3 Histones, Designed gH2B and gH3 in *Lilium longiflorum*", Planta 197:289-295;
19. Ueda, K., et al. (1995) "The Appearance of Male Gamete-Specific Histones gH2B and gH3 during Pollen Development in *Lilium longiflorum*", Developmental Biology 169:210-217;
20. Xu, H., et al. (1995) "Cloning, Expression and Immunological Characterization of Ory s 1, the Major Allergen of Rice Pollen, Gene 164:255-259; and
21. Xu, H., et al. (1998) "Plant Homologue of Human Excision Repair Gene ERCC1 Points to Conservation of DNA Repair Mechanisms", The Plant Journal 13(6):823-829.

Applicants are submitting copies of the above-cited references. The relevance of the above-identified references has been described in the specification.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no petition, certification or fee is required. Consideration of this Information Disclosure Statement is respectfully requested.

Respectfully submitted,



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